

**BRAKE WITH CALIBRATION AND DIAGNOSTICS AND METHOD AND
PROGRAM PRODUCT RELATED THERETO**

ABSTRACT OF THE DISCLOSURE

A method and program product are associated with a brake mechanism. The brake mechanism includes a brake operable to restrict movement of a vehicle and an actuator coupled to the brake. The actuator is operable to selectively apply and release the brake. The mechanism further includes a controller coupled to the actuator. A method, implemented in the controller and program code, initializes the brake mechanism and calibrates and/or performs diagnostics on the brake mechanism.